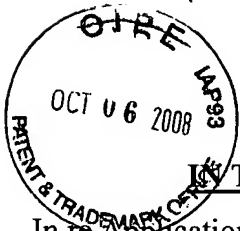




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<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. HMSU-P17-006	
Application No. 10/647,654	Filing Date August 25, 2003	Examiner S. N. MacFarlane	Art Unit 1649		
Applicant(s): Ingham et al.					
Invention: VERTEBRATE EMBRYONIC PATTERN INDUCING PROTEINS AND USES RELATED THERETO					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	45	- 45 =	0	x	0.00
Independent Claims	10	- 10 =	0	x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within first month					130.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					130.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. <u>18-1945</u> in the amount of \$ <u>130.00</u> . A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>18-1945</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Melissa S. Rones, J.D., Ph.D. Attorney/Agent Reg. No.: 54,408  ROPES & GRAY LLP One International Place Boston, Massachusetts 02110 (617) 951-7653				Dated: <u>October 3, 2008</u>	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.					
Dated: <u>10-3-08</u>		Signature:  (Maura A. Gallagher)			



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Ingham et al.

Serial No: 10/647,654

Filed: August 25, 2003

For: VERTEBRATE EMBRYONIC  
PATTERN INDUCING PROTEINS  
AND USES RELATED THERETO

Attorney Docket No. HMSU-P17-006

Conf. No: 5276

Art Unit: 1649

Examiner: S. N. MacFarlane

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below:

October 3, 2008

Date of Signature  
and of Mail Deposit

*Maura A. Gallagher*  
Maura A. Gallagher

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REPLY**

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed June 3, 2008, in connection with the above application. Applicants' Petition for a one month extension of time is filed concurrently herewith.

The claims are presented beginning on page 2 of this response.

Remarks begin on page 9 of this response.